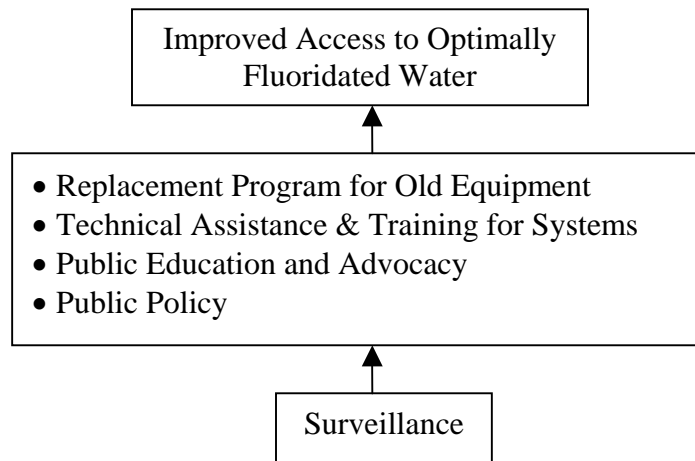


Chapter 4 Community Water Fluoridation

Background – The Division of Oral Health and the Bureau of Water have formalized their relationship within DHEC. Key staff meet every other month to address their shared fluoridated water agenda. The technical objectives presented in this section reflect this collaboration. The organizational chart (see Appendix H) delineates how the two offices fall within the organization. It is important to note, however, that there is a strong collaborative spirit with mutual support for each office.

A Coalition workgroup was formed at the December 2006 Quarterly Advisory Summit to address policy, advocacy, and public education of fluoridated water. The group began addressing these objectives in February 2007.

Logic Model –



Objectives for Access

4.2.1 Maintain 91% the population on public water systems with access to fluoridated water.

South Carolina Baseline Not applicable

Healthy People Reference – 21-16: Increase the number of states and District of Columbia that have an oral and craniofacial health surveillance system.

Baseline (1999): None

2010 Target: (total coverage)

21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D; Priority 3, Strategy 3.3, See Appendix E)

Measurement Type - Impact

Data Collection Method – WFRS

4.2.2. The Bureau of Water and Division of Oral Health will identify, through surveillance activities, specific populations using public water systems to target for fluoridated water enhancements by January, 2009.

South Carolina Baseline Not applicable

Healthy People Reference – 21-16: Increase the number of states and District of Columbia that have an oral and craniofacial health surveillance system.

Baseline (1999): None

2010 Target: (total coverage)

21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D; Priority 3, Strategy 3.3, See Appendix E)

Measurement Type - Process

Data Collection Method – WFRS

Objectives for New or Replacement Equipment

4.3.1. The Bureau of Water and Division of Oral Health will increase the number of water systems with new and/or replacement fluoridation equipment by 10% through the mini grants program by June, 2011.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Administrative database managed by DHEC

4.3.2. The Bureau of Water and Division of Oral Health will identify the water systems that need new and/or replacement fluoridation equipment but have not applied to the mini grants program by January 2009.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Administrative database managed by DHEC

4.3.3. The Bureau of Water and Division of Oral Health will promote the mini grants program for new and/or replacement fluoridate equipment to water systems in need by December 2007.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Administrative database managed by DHEC

4.3.4. The Bureau of Water and Division of Oral Health continues to have a formal acceptance, review, and award process for the annual mini grants program for new and/or replacement fluoridate equipment by December of each year.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Administrative database managed by DHEC

4.3.5. The Bureau of Water and Division of Oral Health will identify the water systems that have received new and/or replacement fluoridation equipment through funds other than the mini grants program by June 2009.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Administrative database managed by DHEC

4.3.6. The Bureau of Water and Division of Oral Health will identify new sources of funding to augment the mini grants program by June 2009.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Administrative database managed by DHEC

Objectives for Technical Assistance and Training

4.4.1. Increase by 50% the number of DOH and BOW staff who have received comprehensive CDC Water Fluoridation: Principles and Practices Course by June 2010.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Impact

Data Collection Method –Training database managed by DHEC

4.4.2. Increase by 50% the number of water system operators/managers who have received comprehensive CDC Water Fluoridation: Principles and Practices Course by June 2010.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Impact

Data Collection Method –Training database managed by DHEC

4.4.3.. The Bureau of Water and Division of Oral Health will have identified water system operators and providers who have not received BOW Fluoridation Training in the previous year by June 2009.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Annual survey of operators will be administered by the Bureau of Water and Division of Oral Health

4.4.4. The Bureau of Water and Division of Oral Health will have identified a schedule of planned CDC and BOW fluoridation training by June 2009.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Evidence of training opportunities

4.4.5. The Bureau of Water and Division of Oral Health will develop an inventory of fluoridation specialists or consultants in South Carolina by June 2009.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – Evidence of inventory

Objectives for Public Education and Advocacy

4.5.1. The Bureau of Water and Division of Oral Health will improve the public's and policy makers' knowledge on the benefits of fluoridated water by June 2010.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – To be identified by Coalition

4.5.2. The Bureau of Water and Division of Oral Health will identify a process for fluoridated water advocacy, including training locations and content, by June 2008.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – GIS Map of Water Fluoridation Advocates

4.5.3. DHEC will train a Water Fluoridation Advocate for each of the eight DHEC Regions to provide information on the benefits of fluoridated water by June 2010.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – GIS Map of Water Fluoridation Advocates

Objectives for Public Policy

4.6.1. The Bureau of Water and Division of Oral Health will formalize a process for working with advocacy groups aimed at developing legislative policies that support a state plan for fluoridation by January 2010.

South Carolina Baseline Not applicable

Healthy People Reference 21-9: Increase persons on public water receiving optimally fluoridated water.

Baseline (1992): 62%

2010 Target: (75%)

Original State Oral Health Plan Reference – Priority 2, Strategy 2.3 (See Appendix D)

Measurement Type - Process

Data Collection Method – To be identified by Coalition